

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095215.D
 Acq On : 18 May 2017 9:12
 Operator : SJ/MA
 Sample : I3192-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-03

Quant Time: May 18 11:40:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

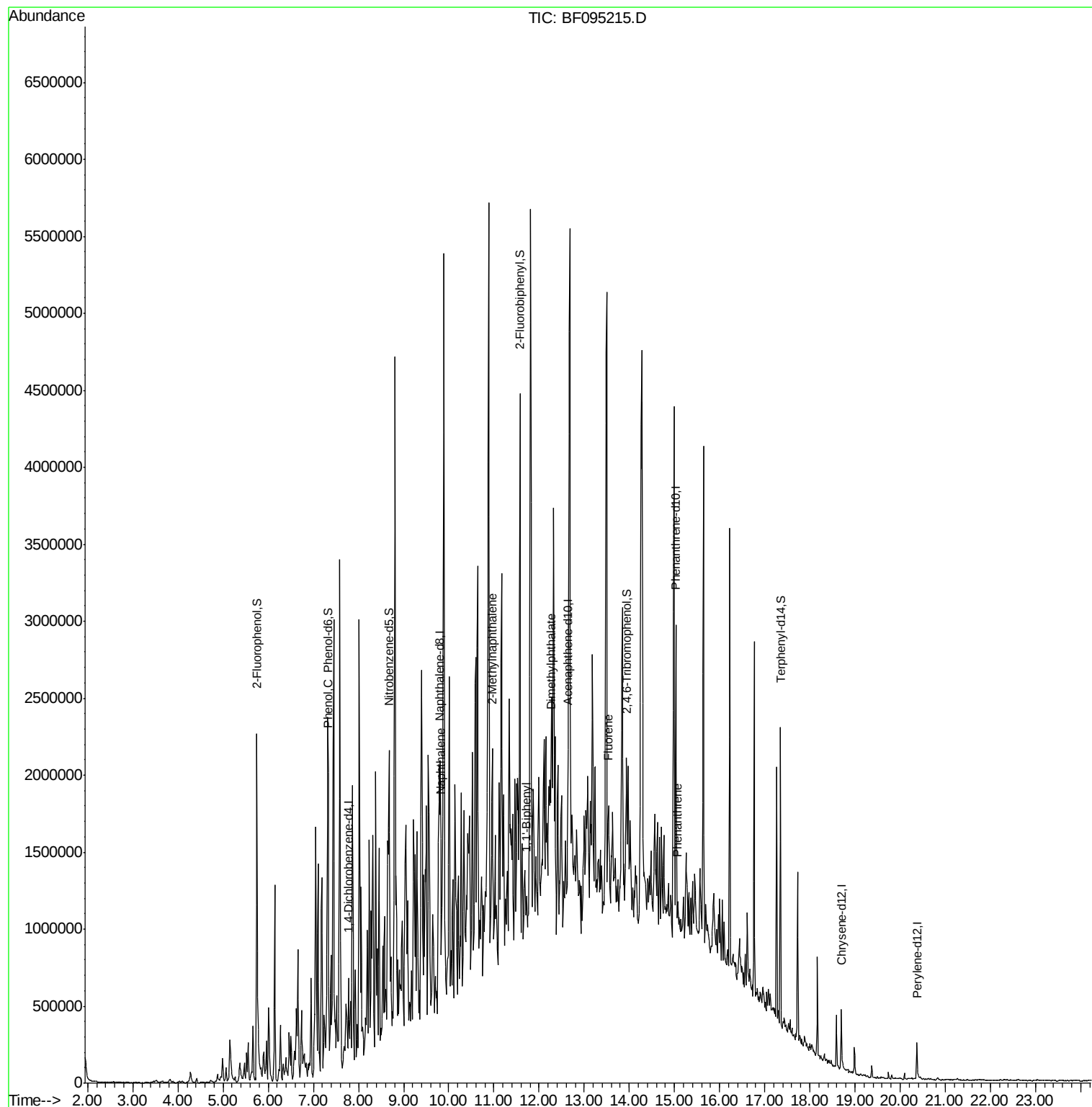
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82025	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	300546	20.00	ng	0.04
38) Acenaphthene-d10	12.64	164	122694	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	177974	20.00	ng	0.06
75) Chrysene-d12	18.69	240	180461	20.00	ng	0.04
86) Perylene-d12	20.37	264	130428	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	1179355	239.71	ng	0.07
7) Phenol-d6	7.32	99	1406436	238.25	ng	0.05
23) Nitrobenzene-d5	8.68	82	770590	161.68	ng	0.05
41) 2,4,6-Tribromophenol	13.94	330	195635	194.70	ng	0.06
44) 2-Fluorobiphenyl	11.58	172	1168235	137.05	ng	0.05
78) Terphenyl-d14	17.35	244	819240	99.99	ng	0.04
Target Compounds						
10) Phenol	7.34	94	44794	7.20	ng	Qvalue 87
31) Naphthalene	9.83	128	166272	11.01	ng	# 95
37) 2-Methylnaphthalene	10.97	142	356972	36.01	ng	99
45) 1,1'-Biphenyl	11.72	154	27360	2.65	ng	79
49) Dimethylphthalate	12.26	163	182278	18.10	ng	# 97
57) Fluorene	13.54	166	48209	5.13	ng	# 83
70) Phenanthrene	15.08	178	52644	5.15	ng	# 90

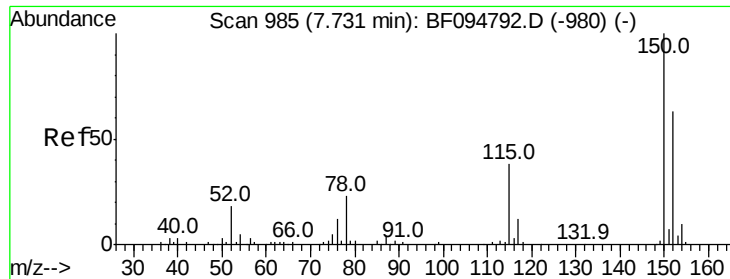
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095215.D
Acq On : 18 May 2017 9:12
Operator : SJ/MA
Sample : I3192-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
051617-03

Quant Time: May 18 11:40:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



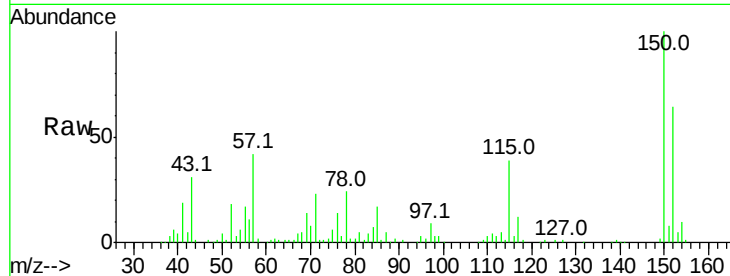


#1

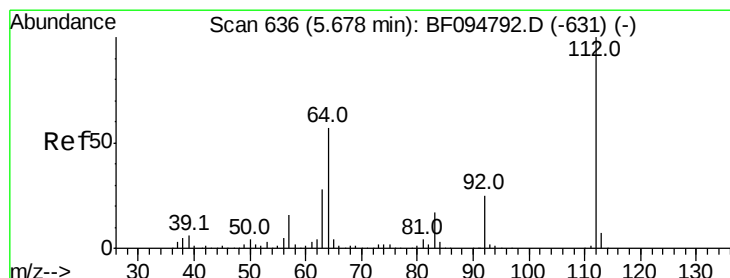
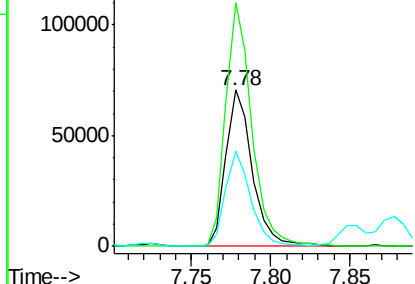
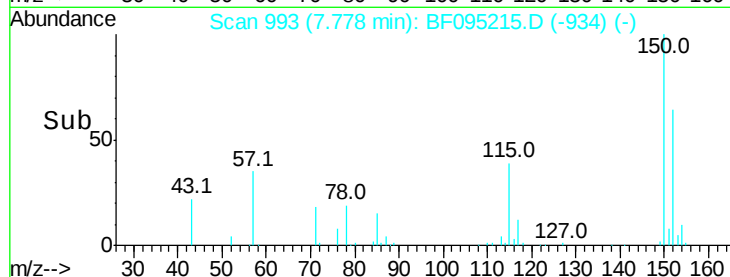
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 993
 Delta R.T. 0.05 min
 Lab File: BF095215.D
 Acq: 18 May 2017 9:12

Instrument :
 BNA_F
 ClientSampleId :
 051617-03

Tot Ion:152 Resp: 82025
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 61.0 52.2 78.2



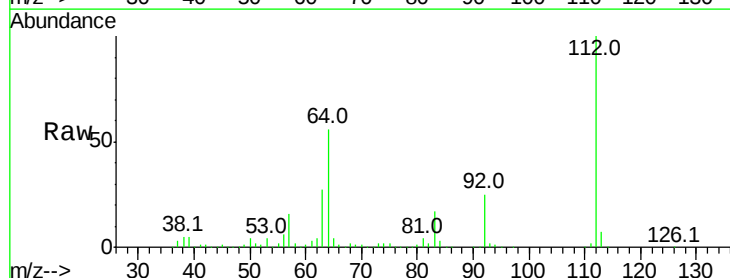
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



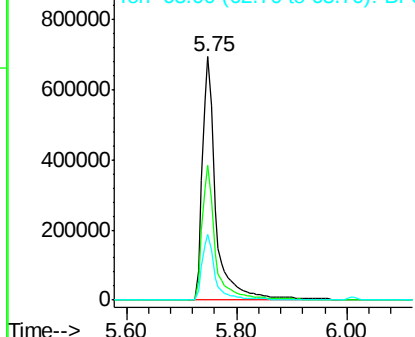
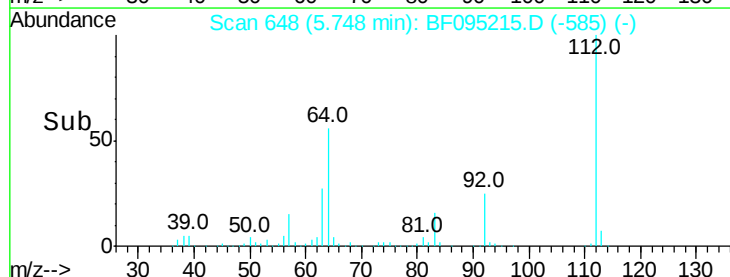
#5

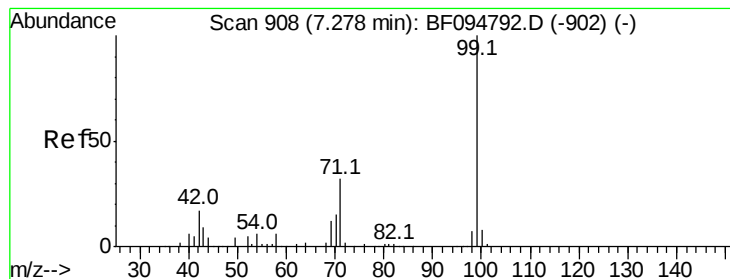
2-Fluorophenol
 Concen: 239.71 ng
 RT: 5.75 min Scan# 648
 Delta R.T. 0.07 min
 Lab File: BF095215.D
 Acq: 18 May 2017 9:12

Tgt Ion:112 Resp: 1179355
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.0 69.0
 63 27.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 238.25 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

Instrument :

BNA_F

ClientSampleId :

051617-03

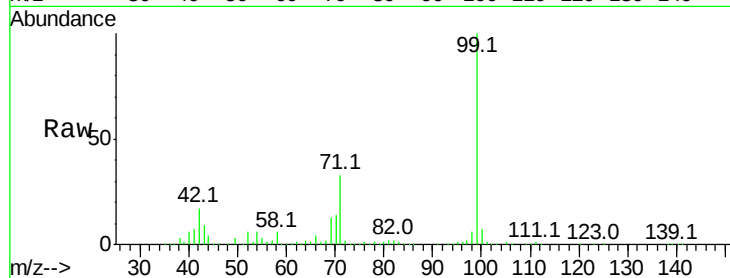
Tot Ion: 99 Resp: 1406436

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

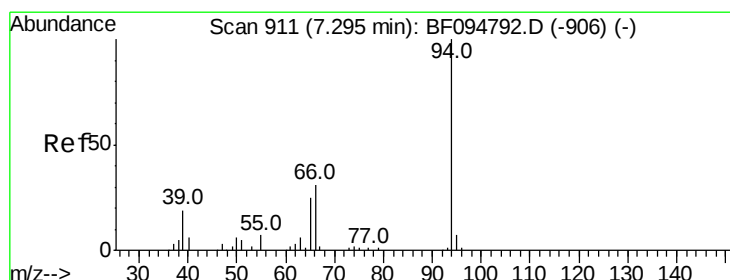
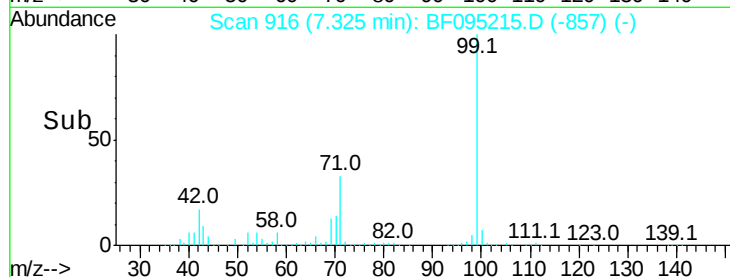
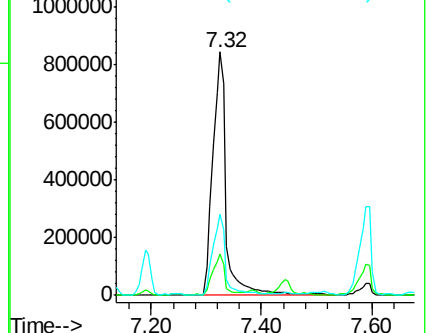
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.20 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

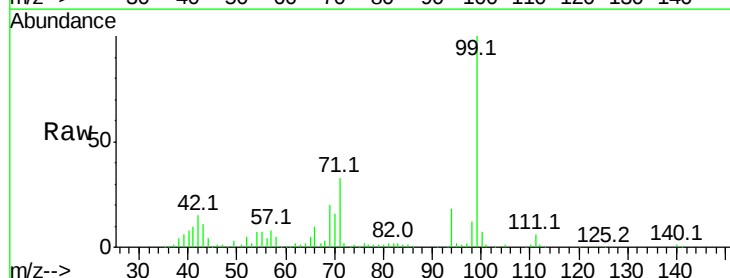
Tgt Ion: 94 Resp: 44794

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

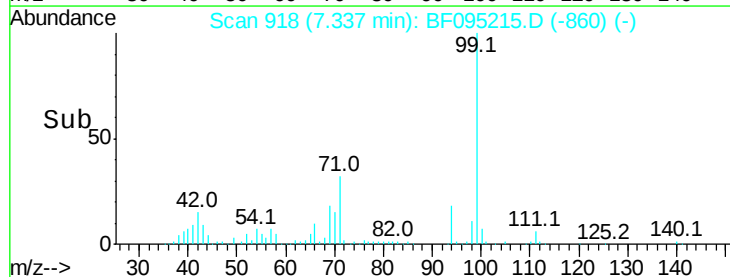
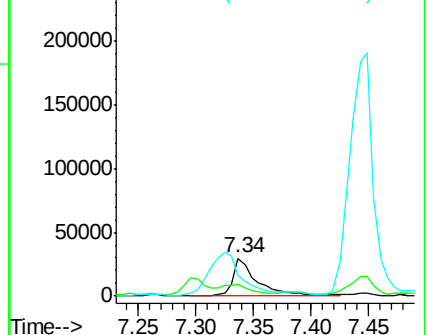
66 56.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

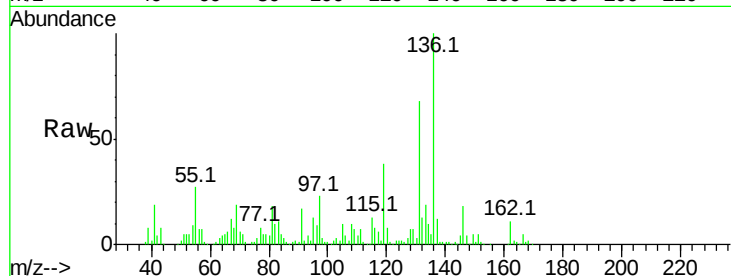




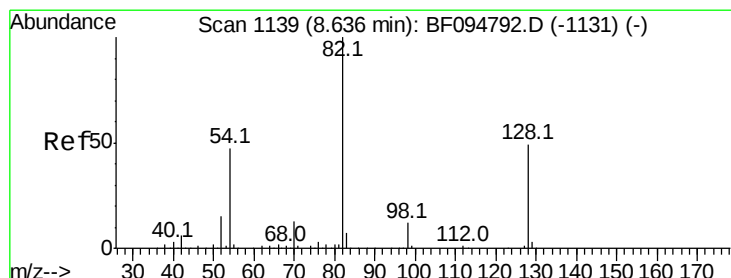
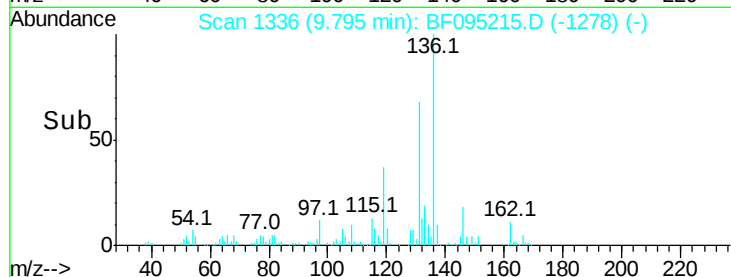
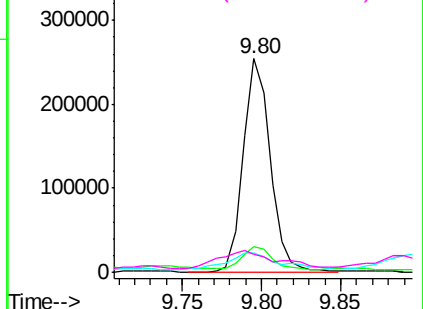
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :
051617-03

Tot Ion:136	Resp:	300546
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.5 12.7
54	9.2	4.9 7.3#
68	8.4	4.1 6.1#

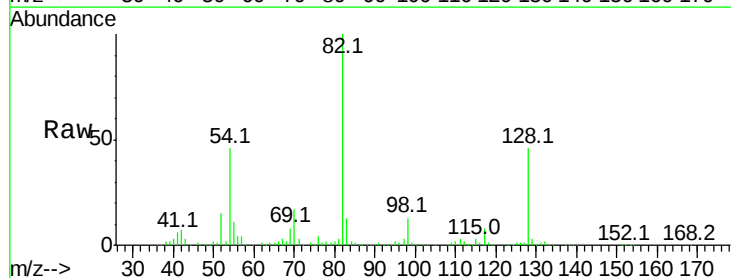


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

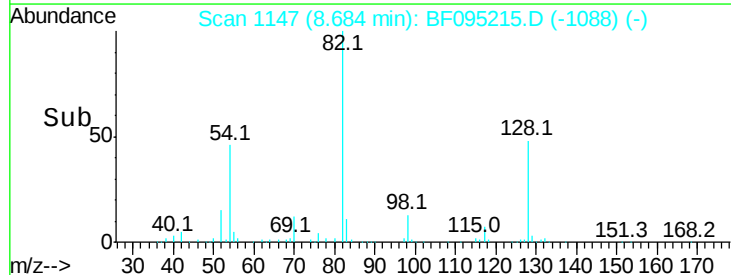
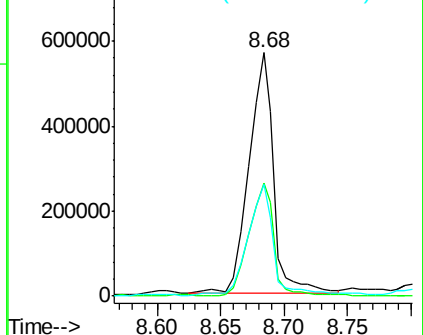


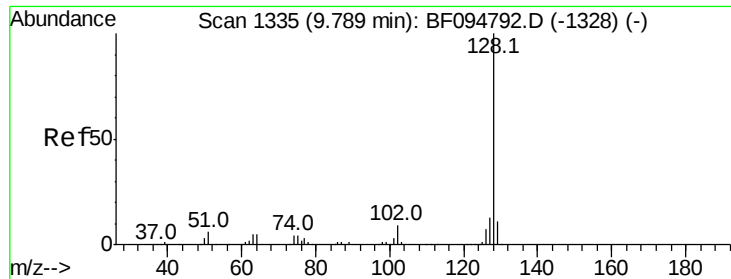
#23
Nitrobenzene-d5
Concen: 161.68 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion: 82	Resp:	770590
Ion Ratio	Lower	Upper
82	100	
128	46.4	34.0 51.0
54	46.1	42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

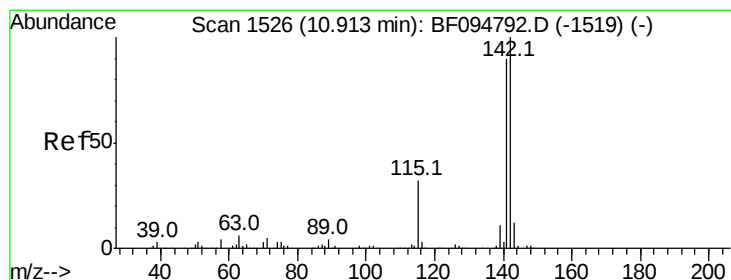
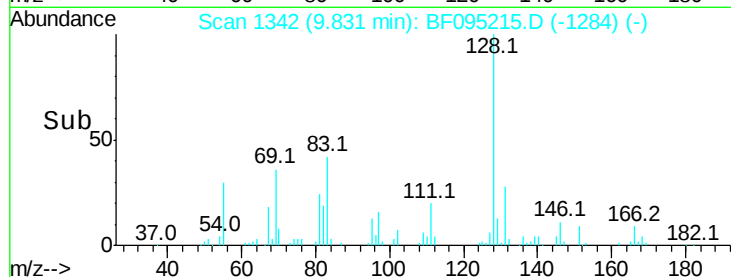
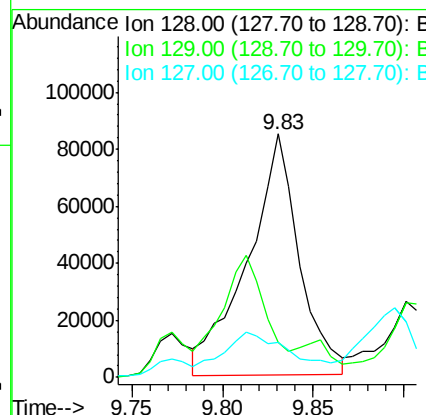
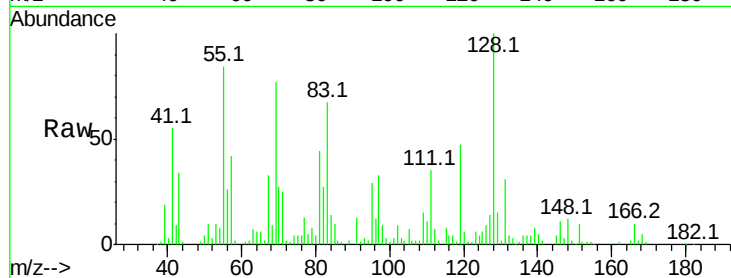




#31
Naphthalene
Concen: 11.01 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

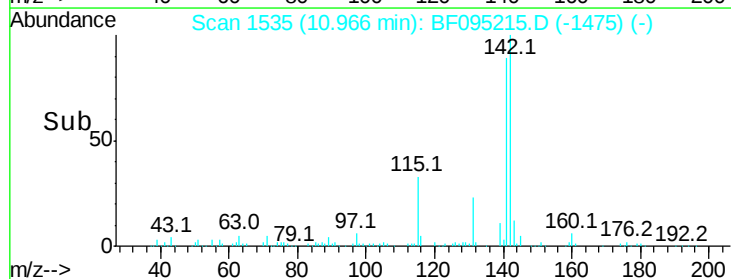
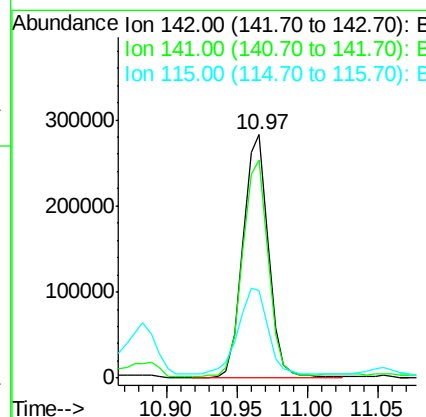
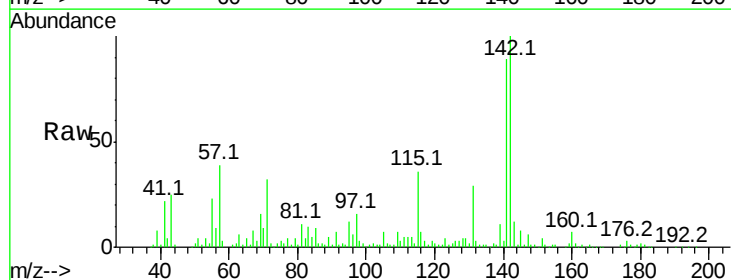
Instrument :
BNA_F
ClientSampleId :
051617-03

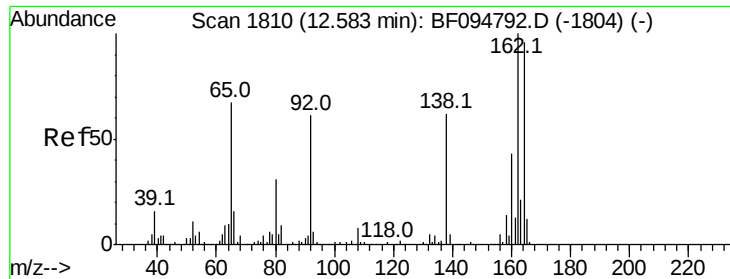
Tot Ion:128 Resp: 166272
Ion Ratio Lower Upper
128 100
129 14.5 9.0 13.6#
127 14.4 10.8 16.2



#37
2-Methylnaphthalene
Concen: 36.01 ng
RT: 10.97 min Scan# 1535
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:142 Resp: 356972
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 35.9 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.05 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

Instrument :

BNA_F

ClientSampleId :

051617-03

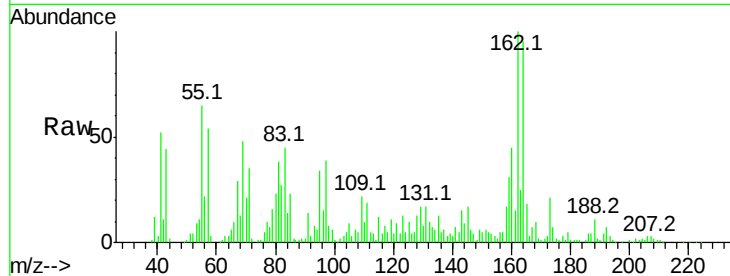
Tot Ion:164 Resp: 122694

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

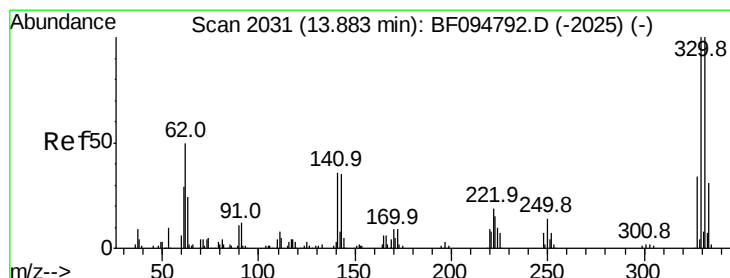
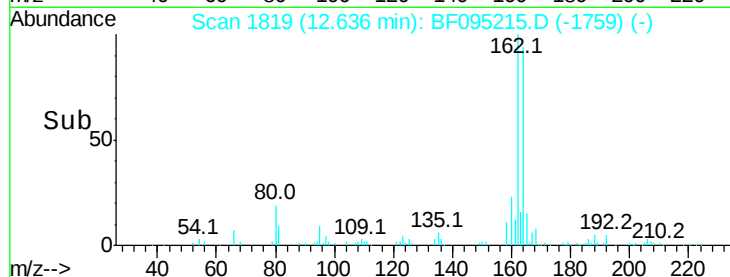
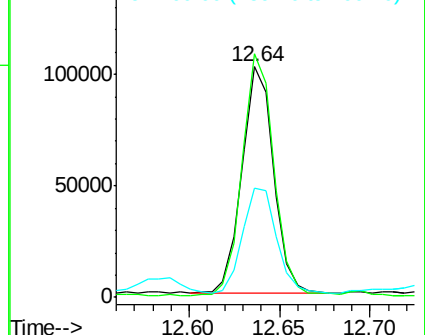
160 47.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 194.70 ng

RT: 13.94 min Scan# 2041

Delta R.T. 0.06 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

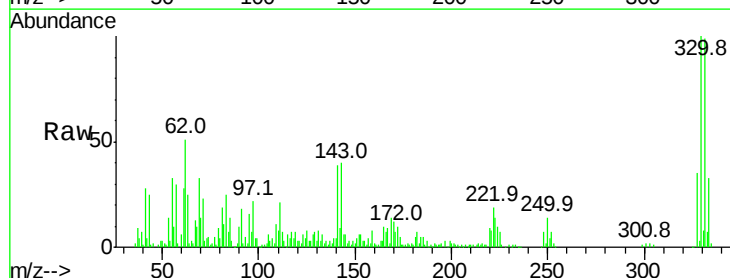
Tgt Ion:330 Resp: 195635

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

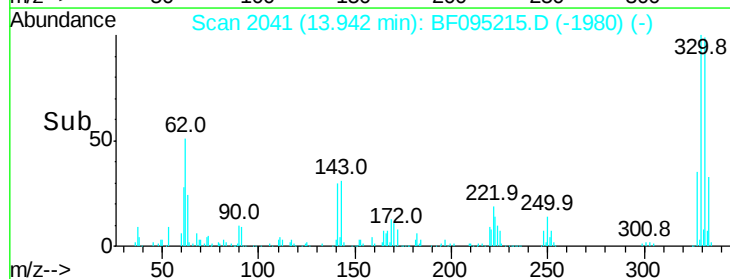
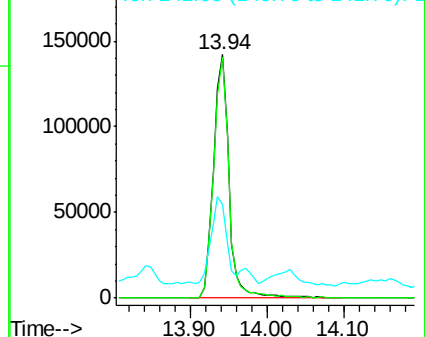
141 35.2 31.4 47.2

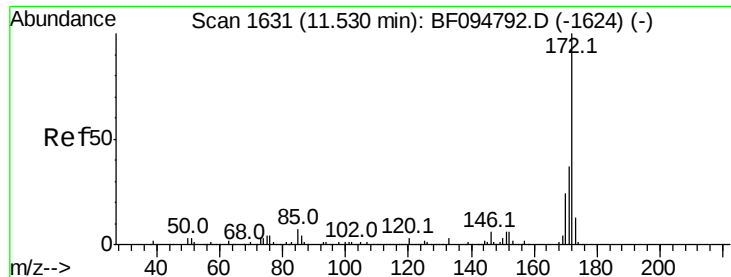


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

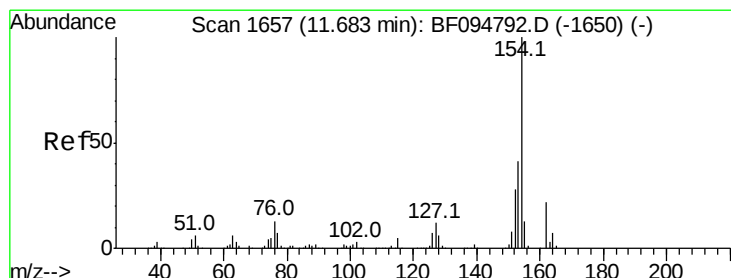
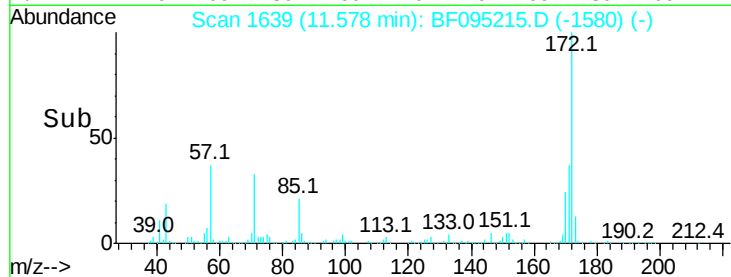
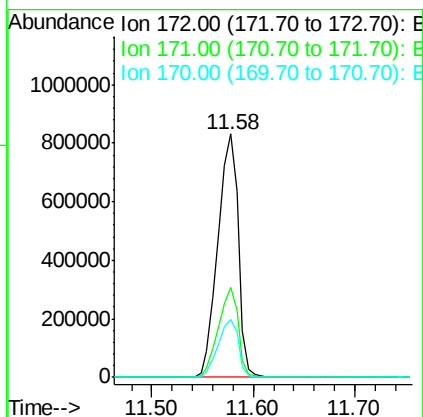
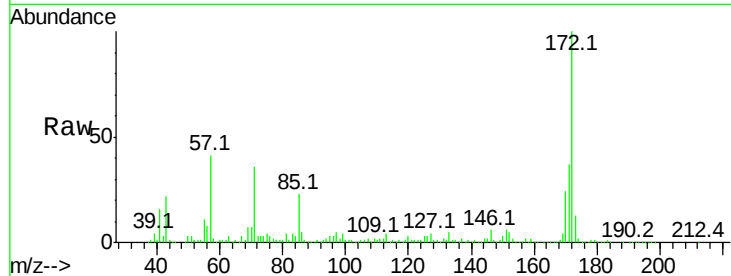




#44
2-Fluorobiphenyl
Concen: 137.05 ng
RT: 11.58 min Scan# 1639
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

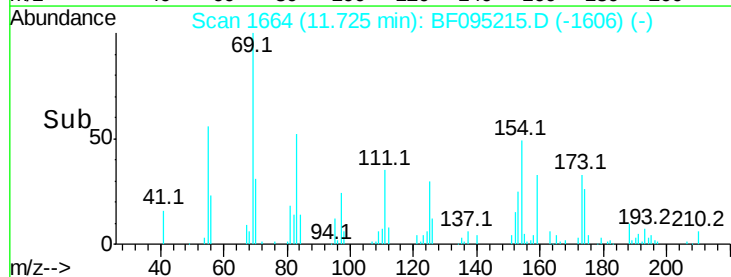
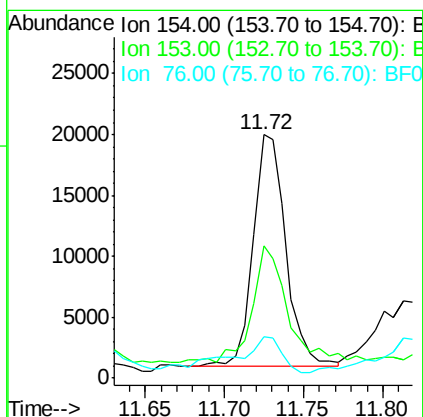
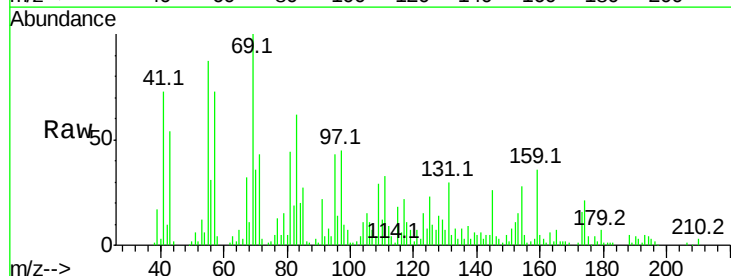
Instrument :
BNA_F
ClientSampleId :
051617-03

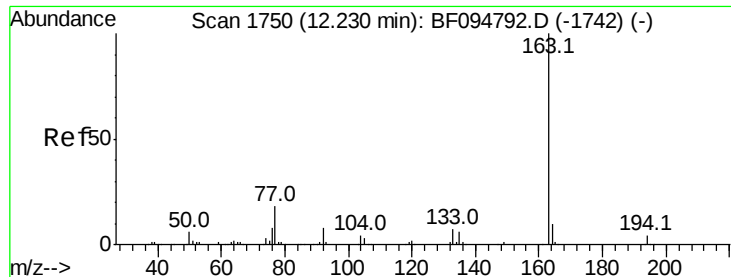
Tot Ion:172 Resp: 1168235
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.9 19.8 29.8



#45
1,1'-Biphenyl
Concen: 2.65 ng
RT: 11.72 min Scan# 1664
Delta R.T. 0.04 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:154 Resp: 27360
Ion Ratio Lower Upper
154 100
153 54.6 21.2 61.2
76 16.9 0.0 29.9





#49

Dimethylphthalate

Concen: 18.10 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

Instrument :

BNA_F

ClientSampleId :

051617-03

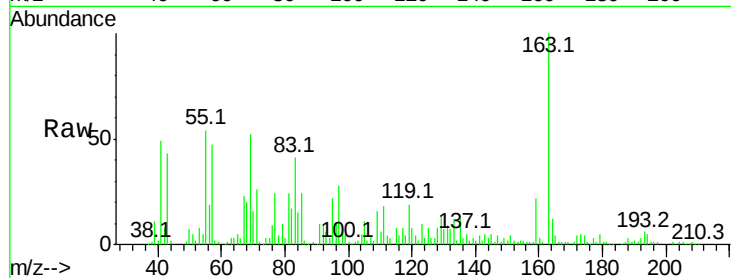
Tot Ion:163 Resp: 182278

Ion Ratio Lower Upper

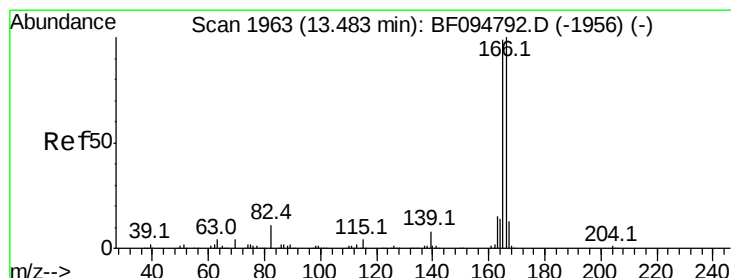
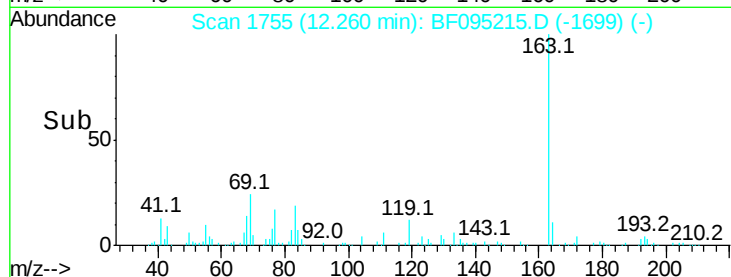
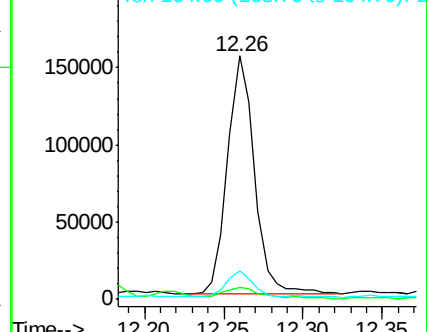
163 100

194 5.1 2.6 4.0#

164 11.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

Fluorene

Concen: 5.13 ng

RT: 13.54 min Scan# 1972

Delta R.T. 0.05 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

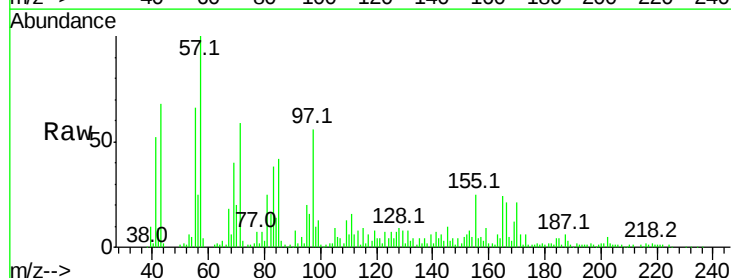
Tgt Ion:166 Resp: 48209

Ion Ratio Lower Upper

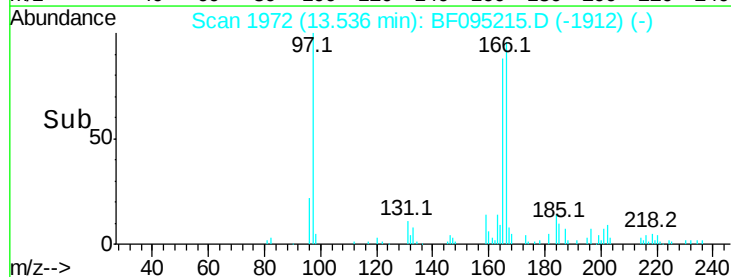
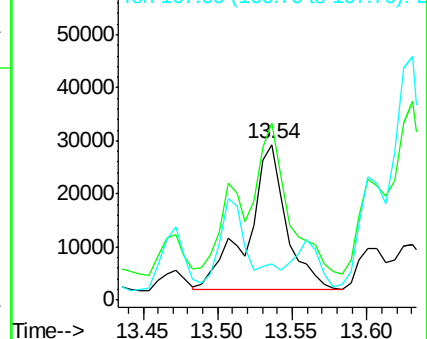
166 100

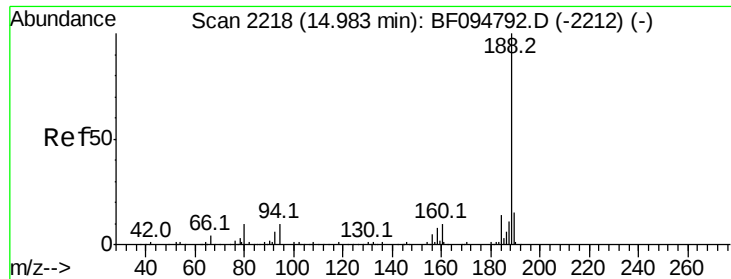
165 114.2 78.8 118.2

167 23.5 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

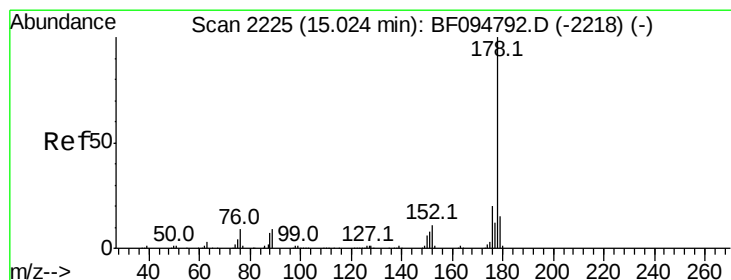
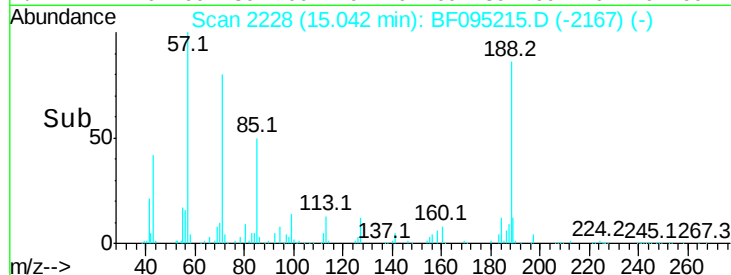
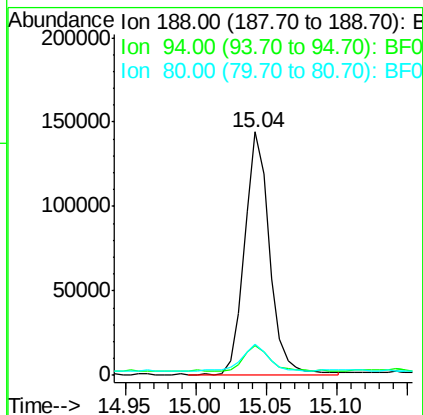
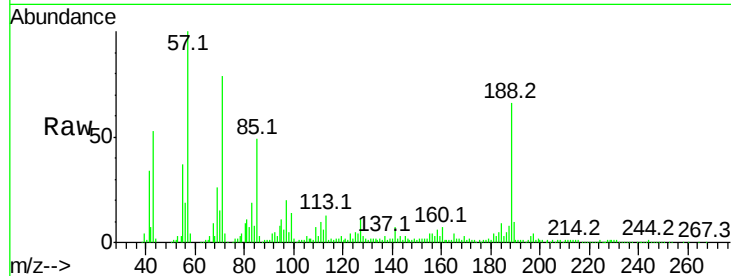




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

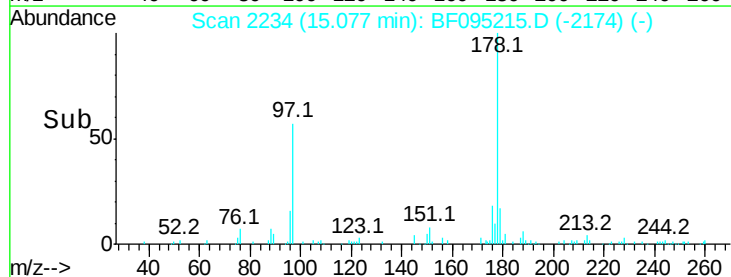
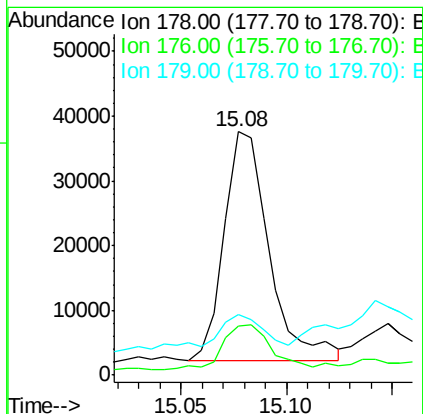
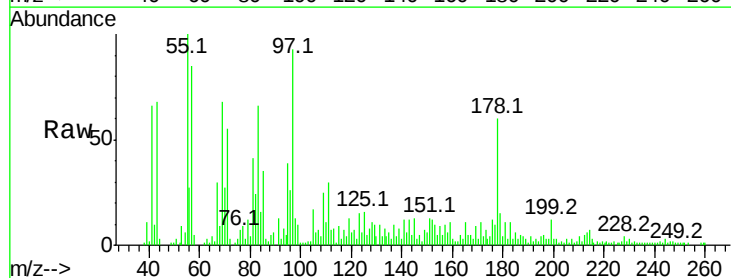
Instrument :
BNA_F
ClientSampleId :
051617-03

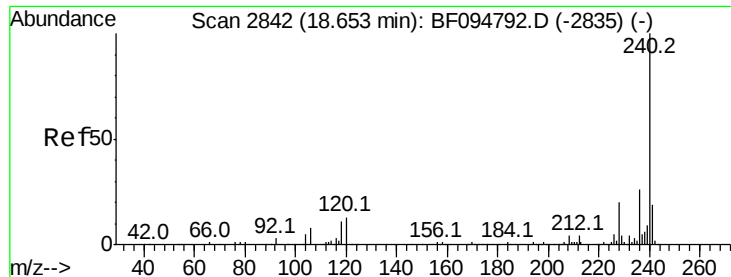
Tot Ion:188 Resp: 177974
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.9 10.2 15.2



#70
Phenanthrene
Concen: 5.15 ng
RT: 15.08 min Scan# 2234
Delta R.T. 0.05 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Tgt Ion:178 Resp: 52644
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 24.9 12.6 19.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

Instrument :

BNA_F

ClientSampleId :

051617-03

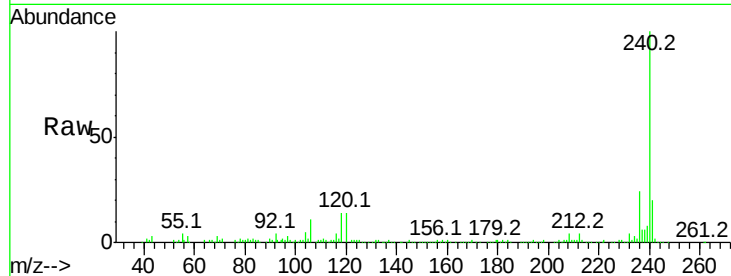
Tot Ion:240 Resp: 180461

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

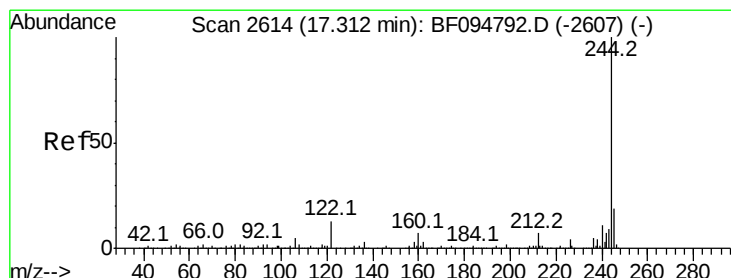
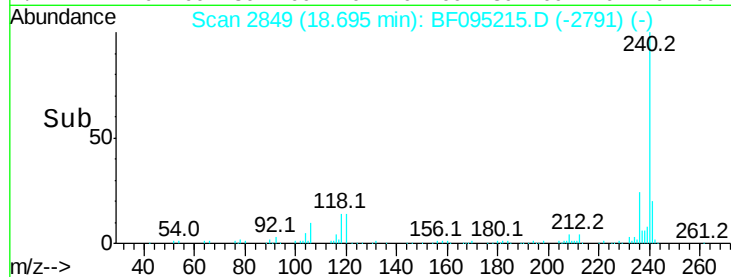
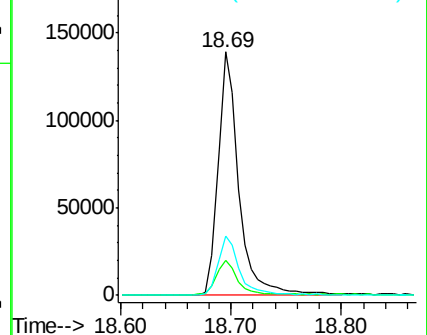
236 24.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 99.99 ng

RT: 17.35 min Scan# 2621

Delta R.T. 0.04 min

Lab File: BF095215.D

Acq: 18 May 2017 9:12

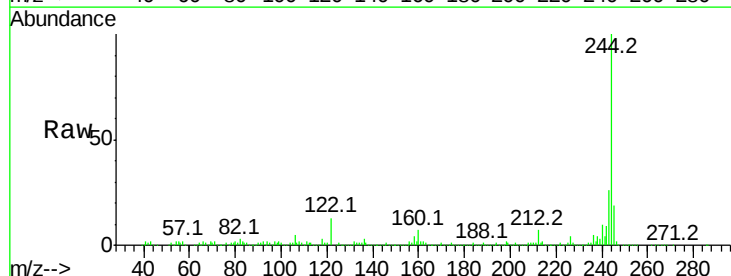
Tgt Ion:244 Resp: 819240

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

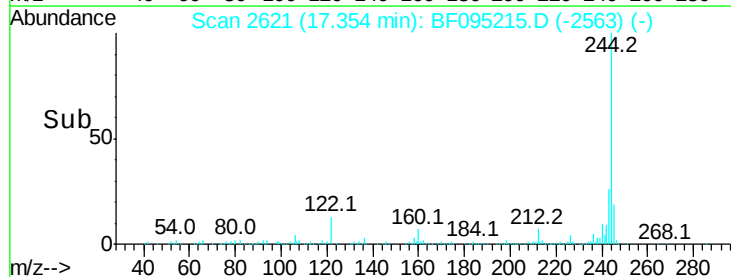
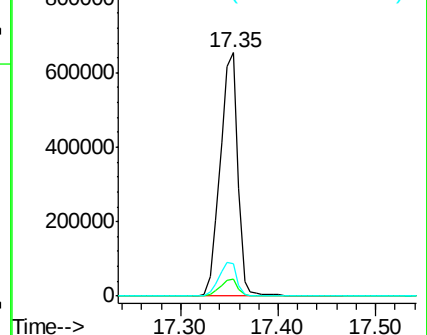
122 13.4 10.3 15.5

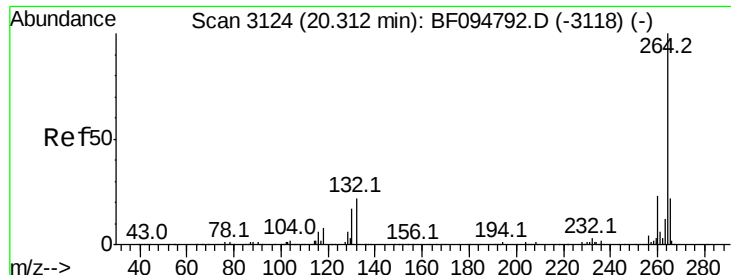


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



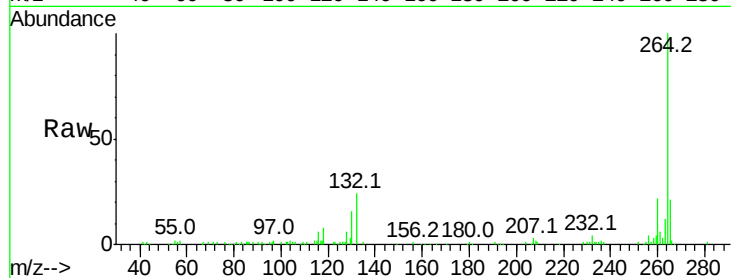


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095215.D
Acq: 18 May 2017 9:12

Instrument :
BNA_F
ClientSampleId :
051617-03

Tot Ion: 264 Resp: 130428

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	21.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

